

1949

State of Montana }  
County of Gallatin } ss.

Filed Nov. 15 1965

at 12:20 P.M., and

Recorded in book \_\_\_\_\_ of

Page \_\_\_\_\_

Carl R. Stucky  
COUNTY CLERK & RECORDER

By \_\_\_\_\_ DEPUTY

Fee \$2.00

15

File No. \_\_\_\_\_

T 2S R 4E

DUPLICATE

County Gallatin

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

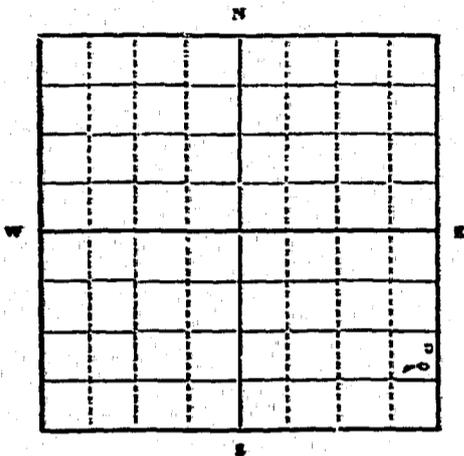
RECEIVED  
 NOV 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Wilbur Storey, of Route 1, Bozeman  
 (Name of Appropriator) (Address) (Town)  
 County of Gallatin State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$  Sec. 15 T. 2S R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based  
stock water and house water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1) 1880, (2) 1926, (3) 1951
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gallons per minute for each.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Used only for garden and yard
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. (1) 1880, (2) 1925, (3) 1951

8. The depth of water table approximately 40 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater (1) 6 in. casing, 60 ft. deep, (2) 6 in. casing, 60 ft. deep, (3) 6 in. casing, 60 ft. deep.

10. The estimated amount of groundwater withdrawn each year (1) and (2) 1000 gallons a day, (3) 200 gallons a day

11. The log of formations encountered in the drilling of each well if available. Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Wilbur Storey  
 Date 11/20/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

7236

#180

State of Montana }  
County of Gallatin } ss.

Filed November 22 1963

at 11:40 o'clock A. M.

**EARL WALTON**

COUNTY CLERK & RECORDER

By *Paul A. [Signature]*

DEPUTY

Fee \$2.00 pd

File No. \_\_\_\_\_

T 2E R 4E

DUPLICATE

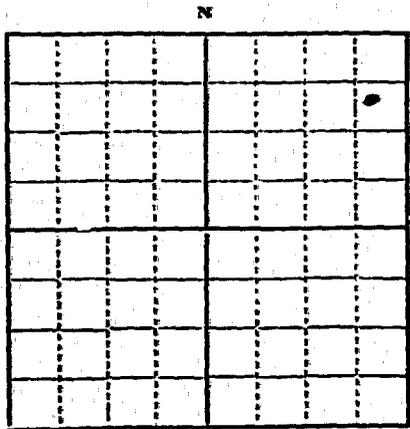
County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 17 1963

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)  
STATE ENGINEER

1. Vera B. Ecton of P. O. Box 517 Essex  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 16 T 2E R 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic and Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1908 and continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump-jack until 1962 and now is submersible electric pump-NE 1/4, Sec. 16, T. 2E, R. 4E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1908

8. The depth of water table 90 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 6 in. casing, 180 feet deep.

10. The estimated amount of groundwater withdrawn each year Approximately 400,000 gallons

11. The log of formations encountered in the drilling of each well if available Clay, top soil and rocky formations.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Vera B. Ecton

Date December 12, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

868

State of Montana  
County of Gallatin

Filed Nov 16 1967

at 8:17 AM of clock, M.  
Mont Wallis

COUNTY CLERK & RECORDER

By [Signature]

Fee \$ 2.00 DEPUTY

File No. \_\_\_\_\_

T 25 R 4E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 17 1963

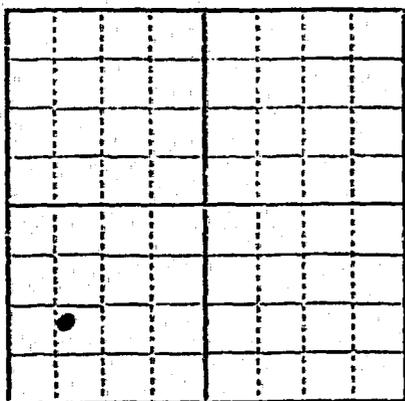
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I Vera B. Ector of P. O. Box 517 Bozeman  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



~~SW 1/4~~ Sec. 17, T. 25 R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1926 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump, Jack and electric motor, SW 1/4, Sec. 17, T. 25, R. 4E.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1926 dug by hand and drilled in 1947.
8. The depth of water table 25 feet deep.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well, 6 in. casing, 40 feet deep.
10. The estimated amount of groundwater withdrawn each year. Approximately 400,000 gallons
11. The log of formations encountered in the drilling of each well if available. Clay, top soil, and rocky formation.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Vera B. Ector

Date December 12, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

8700

State of Montana } ss  
 County of Gallatin }  
 Filed Dec. 16 1963  
 at Four o'clock P.M.  
Great Falls  
 COUNTY CLERK & RECORDER  
 By R. S. [Signature]  
 DEPUTY  
 Fee \$ 2.00

RECORDED

INDEXED

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File No. \_\_\_\_\_

T 25 R 4E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

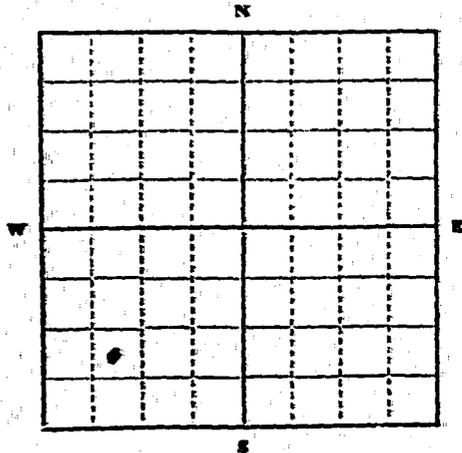
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 17 1963

STATE ENGINEER

I, Vera B. Ecton of P. O. Box 517, Bozeman  
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



~~SW 1/4~~ Sec. 17 T.25 R.4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916 and continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal First was hand pump and now jet pump. SW 1/4, Sec. 17, T.25, R.4E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1916

8. The depth of water table 60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled Well, 4 in. casing and 100 feet deep.

10. The estimated amount of groundwater withdrawn each year Approximately 400,000 gallons

11. The log of formations encountered in the drilling of each well if available Clay, top soil and rocky formation

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Vera B. Ecton

Date December 12, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

869

STATE OF MONTANA  
COUNTY OF GALLATIN

State of Montana }  
County of Gallatin }  
Filed Dec. 16, 1963  
at 8:19 o'clock P. M.  
Paul Walton  
COUNTY CLERK & RECORDER  
By [Signature]  
DEPUTY  
Fee \$ 2.00

FOR THE STATE OF MONTANA  
COUNTY OF GALLATIN  
ALL RIGHTS RESERVED  
RECORDS SECTION  
GALLATIN COUNTY CLERK & RECORDER  
MONTANA

Form No. 18  
8-60

T. 25 R. 4E  
County Gallatin

18

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water Well Log

X		

Owner Henry De Haven Sr. Address P.O. Box 368 Bozeman, Montana  
 Driller Charles White Address \_\_\_\_\_  
 Date Started \_\_\_\_\_ Date Completed 1917  
 Location: Sec. 18 T. 25 R. 4E  $\frac{1}{4}$  sec. SW

Type of well Drilled (Dug, driven, or drilled) Equipment used Drill (Churn, drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other \_\_\_\_\_

Casing: 40 ft. to \_\_\_\_\_ ft. Type Galvanized Size 1 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: 25 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 30 feet at 10 gal. per min. 1

How tested: Electric Pump

Length of test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

#364

Gallatin County, }  
State of Montana } ss.

Filed Dec 29, 1961

at 2:15 o'clock P. M.

Carl Walton  
COUNTY CLERK & RECORDER

By J. H. Holmbeck  
DEPUTY

Fee \$ 2.00

File No. \_\_\_\_\_

T. 25 R. 4E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 18 1963

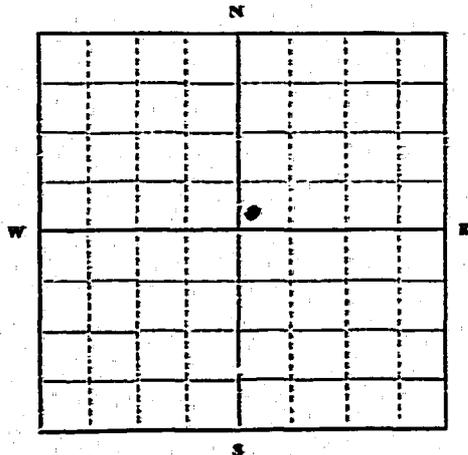
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Harold W. & Lucile M. Todd, of Route 1 - Bozeman  
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 18 T. 25 R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic and dairy

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1925 - in continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

30 acres  
corn and garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1925

8. The depth of water table 4 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

drilled well - 4 inch casing - 40 feet deep

10. The estimated amount of groundwater withdrawn each year 1000,500 gallons

11. The log of formations encountered in the drilling of each well if available gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Harold W. Todd

Date Oct 16 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

WEST VIRGINIA

11/15

STATE OF MONTANA - A NOTICE TO THE PUBLIC

# 588

State of Montana ( ss  
 County of Gallatin  
 Filed February 15 1963  
 at BAR, WALTON M.  
 COUNTY CLERK & RECORDER  
 By Ida J. Morrow  
 DEPUTY  
 Fee \$ \_\_\_\_\_

File No. \_\_\_\_\_

T. 2-SR-4E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 18 1963

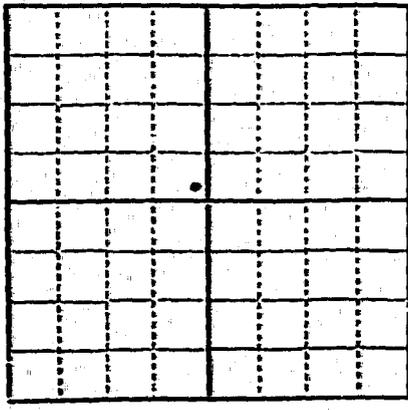
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Harold W. Lucile M. Todd of Route 1 Bozeman  
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 18 T. 25 R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 - Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948

8. The depth of water table water runs out of vent pipe

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well - 4 inch casing 30ft deep

10. The estimated amount of groundwater withdrawn each year 500,000 gallons

11. The log of formations encountered in the drilling of each well if available Hard Clay

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Harold W. Todd

Date Feb 15 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

NEW YORK  
JAN 15 1963

State of Montana  
County of Gallatin

#589  
State of Montana ss.  
County of Gallatin  
February 15,  
Filed 3:40 P.M. 1963  
at EARL WALTON J.C. M.  
By Ida J. Morrow CLERK & RECORDER  
2.00 Pd. DEPUTY  
Fee \$

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—32496

File No.

T 25 R 4 E

DUPLICATE

County GALLATIN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
RECEIVED  
OCT 19 1962

### Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

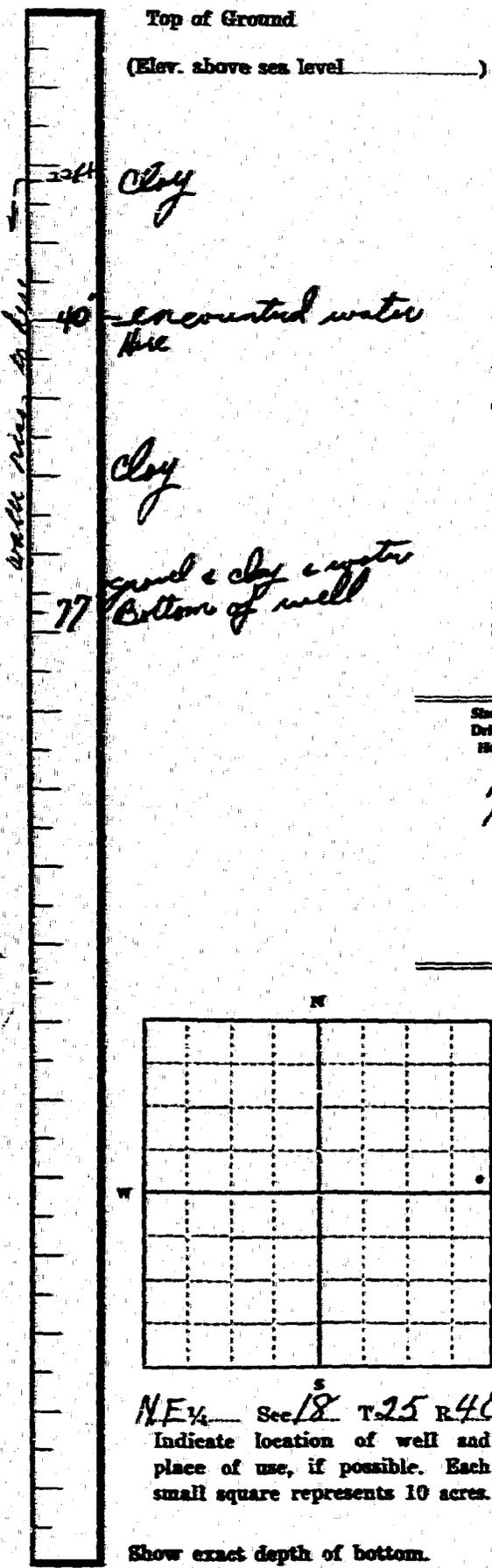
Owner Harold W. & Lucile M. Tull Address Rt 1 - Bigman, Mont  
Driller Harold Hulbert Address Route 1 Bigman

Date of Notice of Appropriation of Groundwater \_\_\_\_\_  
Date well started Aug 2, 1962 Date Completed Aug 3, 1962

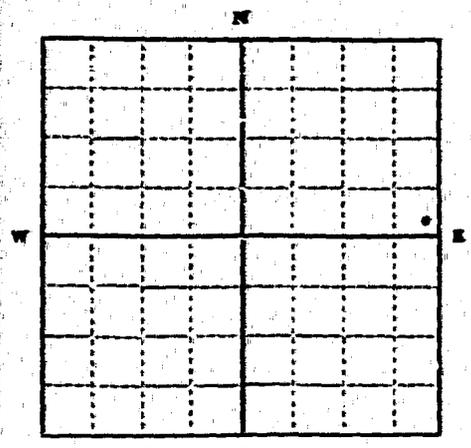
Type of well Drilled Equipment Used Churn  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8 OD	0	47	None		



NE 1/4 Sec 18 T 25 R 4 E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 22 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 40 feet at 15 gal per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested Bailer Length of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) \_\_\_\_\_

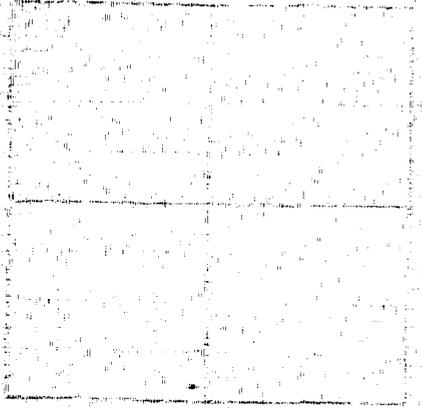
None

Driller's License Number 47  
Driller's Signature Harold B. Hulbert

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.



*[Faint, illegible text, possibly a signature or address]*

\* 549

State of Montana }  
 County of Gallatin } ss.

Filed Oct 16, 1962  
 at 3:12 o'clock P. M.

Carl Nelson  
 COUNTY CLERK & RECORDER

By Ida T. Morrow  
 DEPUTY

Fee \$ 2.00

*[Vertical text on the right edge, possibly a page number or reference]*

File No. \_\_\_\_\_

T 25 R 4E

DUPLICATE

County Hell Creek

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963

STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 17, 1963

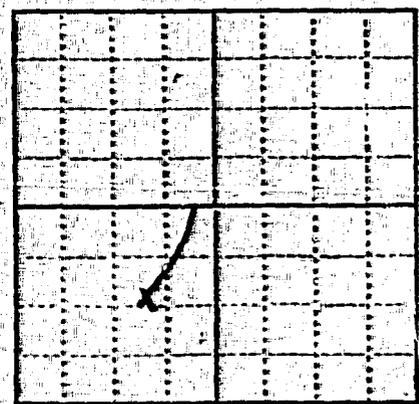
Owner Herman Vander Voo Address R. 1, Bigman

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.



NE 1/4 Sec 18 T 25 R 4E

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use spring

livestock use  
year around

Signature of Owner Herman Vander Voo

Date 12-17-1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

State of Montana ss.  
County of Golden

Filed December 23, 1963

at 9:25 of clock AM

KARE VALTON

COUNTY CLERK

By *[Signature]*  
DEPUTY

Fee \$ 2.00 pd

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Kernan Vander Voo  
Address Route #1  
Bozeman, Montana  
Date well started 3-21-72  
completed 3-24-72

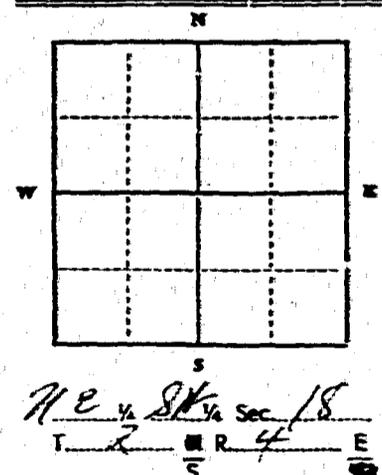
For Administrator's Use	
File #	<u>#3062 April 6, 1972</u>
Time	<u>2:15 P.M.</u>
GW #	<u>1</u>

Type of well drilled  
(Dug, driven, bored or drilled)  
Equipment used cable tool  
(Chain drill, rotary or other)  
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

\*Describe \_\_\_\_\_  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	2 I.B. 17#	-5 ft.				



Static water level 45 ft.\*  
Pumping water level 48 ft.\*  
at 45 gallons per minute,  
measured \_\_\_\_\_ minutes after pumping began.  
\*Measured from ground level.  
Well developed by FLM  
for 1 hours.  
Power \_\_\_\_\_ Pump \_\_\_\_\_ HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature The Art Potts  
Driller's Address Route #1, Bozeman, Montana  
LICENSE NO. 159

25-4E  
County Gallatin 18

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	43	Surface and clay
43	44	Static Water Level
43	44	Strata of sandstone and gravel
44	75	Silty shale
75	86	Silty sand, gravel and shale
86	105	Soft shale

105 ft. Show exact depth of bottom  
50,162

#3062

State of Montana }  
County of Gallatin } 96.  
Filed April 6, 1972  
at 7:15 o'clock P.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Juanita L. Bridges  
Deputy  
Fee \$ 7.00 jd

20

File No. \_\_\_\_\_

T 2 R 4E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

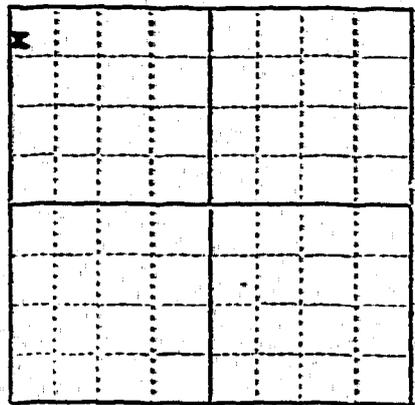
RECEIVED  
DEC 20 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I H.W. Todd, Jr., of Route 1, Bozeman,  
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 20 T2 R4 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household, Stock water, yard & garden irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1905 and fairly continuous since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well dug in 1905 Electric pump in 1955

8. The depth of water table 25 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 10" tile 35 ft. deep

10. The estimated amount of groundwater withdrawn each year 110,000 gallons per year

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not available

Signature of Owner H.W. Todd, Jr.

Date 12-17-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

919

919

State of Montana } ss  
County of Gallatin }

Filed Nov 19 1963

at 6:10 o'clock P.M.

Carl Walton

COUNTY CLERK & RECORDER

By [Signature]

DEPUTY

Fee \$ 2.00

22

File No. \_\_\_\_\_

T 2S R 4E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

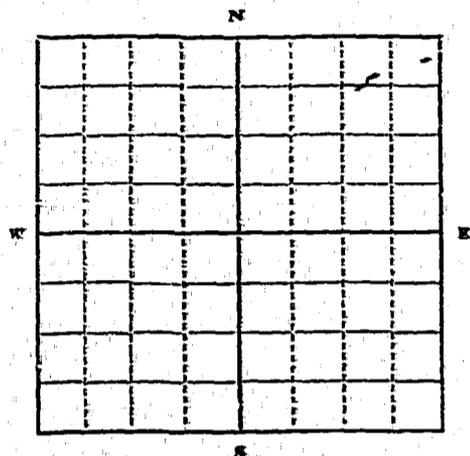
RECEIVED  
NOV 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I Wilbur Storey of Route 1, Bozeman  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 32 T2S R4E  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based stock water and house water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1) October 1956, continuous (2) 1880, continuous, (3) natural spring, continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gallons per minute per well
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Used only for garden and yard
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater (1) Started and completed in October 1956 (2) 1880 (3) Natural Spring
- 8. The depth of water table 85 ft.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater (1) 6 in. casing, 110 ft. deep. (2) 6 in. casing, 100 ft. (3) Natural spring
- 10. The estimated amount of groundwater withdrawn each year 200 gal. per day per well
- 11. The log of formations encountered in the drilling of each well if available Not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record \_\_\_\_\_

Signature of Owner Wilbur Storey  
Date 11/22/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.  
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

#181

State of Montana }  
County of Gallatin } ss.

Filed November 22 1963

at 11:42 o'clock A. M.

**KARL WALTON**

COUNTY CLERK & RECORDER

By Lucille A. McFalls

DEPUTY

Fee \$2.00 pd

T 28 R 4E 13  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
MAY 1961

WATER WELL LOG

STATE ENGINEER


Owner MESSYRATHEISON Address Butte

Driller HAZEL HULLBERT Address RT 1 BOX 287, MONT.

Date Started Jan 1 - 61 Date Completed Nov 5 - 61

Location: Sec 23 T 28 R 4E 1/4 sec N64NE4  
Tract # 266 Rambow Subdivision

Type of well DRILLED Equipment used Churn  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 30'6" ft. Type STEEL Size 1 1/2" O.D. 15 #

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: 13 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 13 feet at 20 gal per min

How tested: Water

Length of test 1 1/2 hrs

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)



File No. \_\_\_\_\_

T 25 R 14 E  
County Gallatin

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

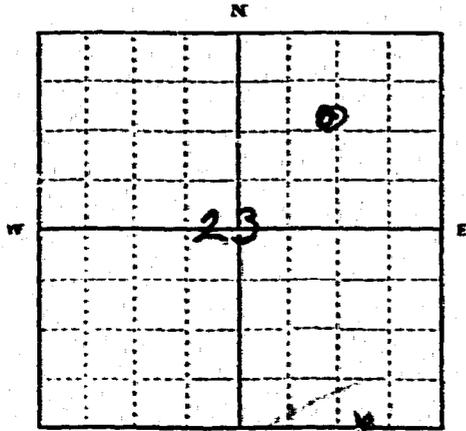
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wesley R. Atchison of Route #1 Bozeman  
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 23 T 25 R 14 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1929 Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Used for household lawn irrigation 1/4 acre

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater Unknown known to have been in use in 1929

8. The depth of water table Approximately 32'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 well on tract # 412 of Hamilton subdivision of Bozeman. It has a 3 1/2' deep 4" casing and shallow well pump. 1 well on tract # 114 of Hamilton subdivision of Bozeman. It has a 4" casing, shallow well pump.

10. The estimated amount of groundwater withdrawn each year 15,000

11. The log of formations encountered in the drilling of each well if available soil 28' gravel 3' to 4' top

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Page # 210 Abstract # 5890

Card Lee Seath Notary Public for the State of Montana Residing at Bozeman, Montana My Commission Expires Oct 15, 1964  
Signature of Owner Wesley R. Atchison  
Date 12/28/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

41198

County of Gallatin  
December 30  
Filed 1963  
at 9:15 o'clock M.  
EARL WALTON  
COUNTY CLERK & RECORDER  
By *Helma Hedra*  
Fee \$ 2.00 DEPUTY

File No. \_\_\_\_\_ STATE WATER CONSERVATION BOARD

T. 25 R. 43  
County Gallatin

DUPLICATE

MAY 8 1967

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

### Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner James C. Boyd Address Bozeman  
Driller M.E. Jones Address Bozeman

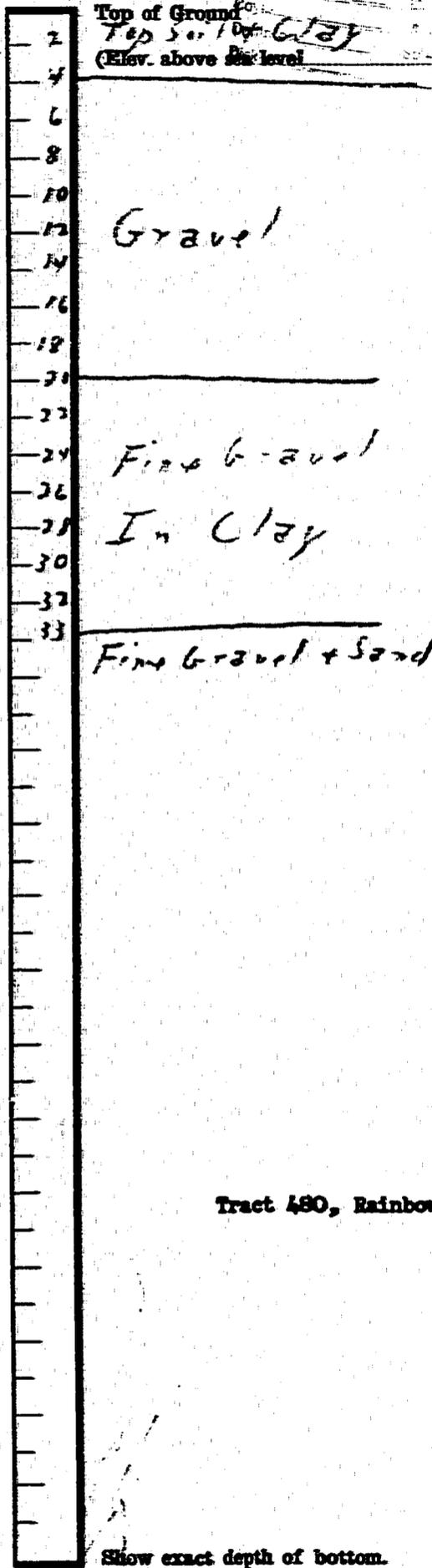
Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started March 15, 67 Date completed March 16, 1967

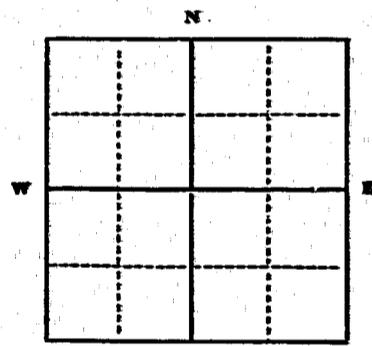
Type of well Drilled Equipment used Churn Drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" D. X 19#	1' above Ground	33'	None		



Static Water Level for non-flowing well 65 feet

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 33 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested Bailer

Length of Test 1 Hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

Tract 480, Rainbow Subdivision

1/4 Sec. 23 T. 25 R. 43  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, (a) one copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

17  
Driller's License Number \_\_\_\_\_  
Milton E. Jones  
Driller's Signature.

41,369

#2096

State of Montana }  
County of Gallatin }

ss.

Filed May 5, 1967  
at 11:30 o'clock A.M.

County Clerk & Recorder

By Leslie G. Maxwell  
Deputy

Fee \$ 2.00

RECORDED TO THE  
INDEX AND SERIALIZED

MAY 5 1967

RECORDED TO THE  
INDEX AND SERIALIZED

RECEIVED

25-4E

County Gallatin

23

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Mr Campbell  
Address Route #1  
Bozeman, Montana 59715  
Date well started 6-8-72  
completed 6-9-72

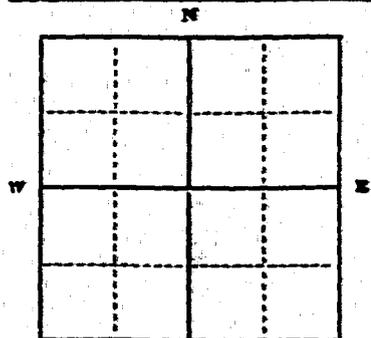
For Administrator's Use	
File #	<u>3086</u>
Date	<u>June 22, 1972 4:30pm</u>
GW #	<u>1</u>

Type of well drilled  
(Dig, driven, bored or drilled)  
Equipment used cable tool  
(Chain drill, rotary or other)  
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other  Garden/Lawn

\*Describe \_\_\_\_\_  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 250 wall 17#	±1	36' 6"			



Static water level 4 ft.\*  
Pumping water level 30 ft.\*  
at 200 gallons per minute,  
measured \_\_\_\_\_ minutes after pumping began.  
\*Measured from ground level.  
Well developed by air lift  
for 2 hours.  
Power \_\_\_\_\_ Pump \_\_\_\_\_ HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot 431, Rainbow Subdiv, Bozeman Hot Springs Tracts.

1/4 Sec 23  
T. 2S N R 4E E  
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Hubert A. Potts

Driller's Address Potts Drilling and Developing

Route #1, Bozeman, Montana 59715 LICENSE NO. 150

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
1	5	Clay
5	17	Coarse, dirty gravel
17	24	med. gravel
24	36	fine sand - coarse gravel
4	ft.	Static Water Level

Show exact depth of bottom

50,704

# 3086

State of Montana }  
County of Gallatin }

Filed June 27, 1972

at 4:30 of clock P.M.

Carl L. Stucky  
County Clerk & Recorder

By Frederick W. Bridges  
Deputy

Fee \$ 2.00

OCT 25 1965

File No. Elie McDemott  
**DUPLICATE** McNulty  
Condit Merlon  
Darinton Sullivan  
Dickert

T 2S R 4E 13  
County Gallatin

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

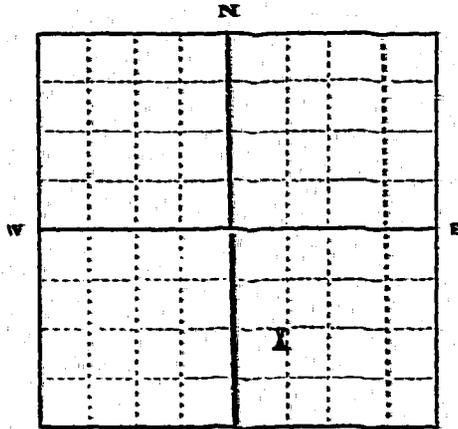
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

EMMETT A. CRAIL of ROUTE 1 BOZEMAN  
(Name of Appropriator) (Address) (Town)

County of GALLATIN State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Rainbow Tract # 486  
SE 1/4 Sec. 23 T2S R4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal per minute 600 gal per hour

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof For Lawn and Garden  
EMMETT A CRAIL

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1972 Drilled

8. The depth of water table High 6 feet Low 12 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Casing 3 inch Depth 30  
Type Drilled

10. The estimated amount of groundwater withdrawn each year 15000 Gal

11. The log of formations encountered in the drilling of each well if available Gravel Formation

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner E. A. Crail  
Date Oct. 9 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

# 1941

State of Montana }  
County of Gallatin } ss.

Filed October 22, 1965

at 11:55 o'clock A. M.

CARL L. STUCKY

COUNTY CLERK & RECORDER

By Jessie A. Maxwell

DEPUTY

Fee \$ 2.00 pd.

Form No. 18  
8-60

23

T. 2 SOUTH R. 4 EAST

County GALLATIN

RECEIVED  
DEC 4 1940

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

Water Well Log


Owner J.S. FREEMAN Address STAR ROUTE  
BOZEMAN MONT

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed 1940

Location: Sec. 23 T 2 SOUTH R. 4 EAST  $\frac{1}{4}$  sec. SOUTH EAST

Type of well DUG Equipment used PICK SHOVEL  
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 11 ft. to \_\_\_\_\_ ft. Type TILE Size 4 IN.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations NONE

Static water level, for non-flowing well: 3 TO 7 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)



23

Form No. 18  
8-60

T. 2 SOUTH R. 4 EAST  
County GALLATIN

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JSC 4 13

Water Well Log

STATE ENGINEER  
STAR ROUTE


Owner J. S. FREEMAN Address BOZEMAN MONT

Driller VANDYKEN Address BOZEMAN MONT

Date Started \_\_\_\_\_ Date Completed DEC. 8<sup>th</sup> 1947

Location: Sec. 23 T. 2 SOUTH R. 4 EAST  $\frac{1}{4}$  sec. SOUTH EAST

Type of well DRILLED Equipment used CHURN  
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 23 ft. to \_\_\_\_\_ ft. Type STEEL Size 6 in.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations FOOT VALVE

Static water level, for non-flowing well: 19 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level \_\_\_\_\_ feet at EST. 20 gal. per min.

How tested: NOT TESTED

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(over)



23

Form No. 18  
8-60

T. 2S R. 4E

County DeWitt

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water Well Log


Owner Philip E. Horvath Address Rt 1 Garrison Mont.

Driller Harold Hulbert Address Route One Bismarck

Date Started July 3 1961 Date Completed July 25 1961

Location: Sec. 23 T. 2S R. 4E  $\frac{1}{4}$  sec. Rainbow Sec E94' lot 452

Type of well drilled Equipment used Churn  
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 6 ft. to 29 ft. Type Steel Size 6 5/8" ID 15#

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: 12 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 13 feet at 20 gal. per min.

How tested: Build

Length of test 2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)



GW 2

File No. \_\_\_\_\_

T. 2-S R 4E 23

DUPLICATE

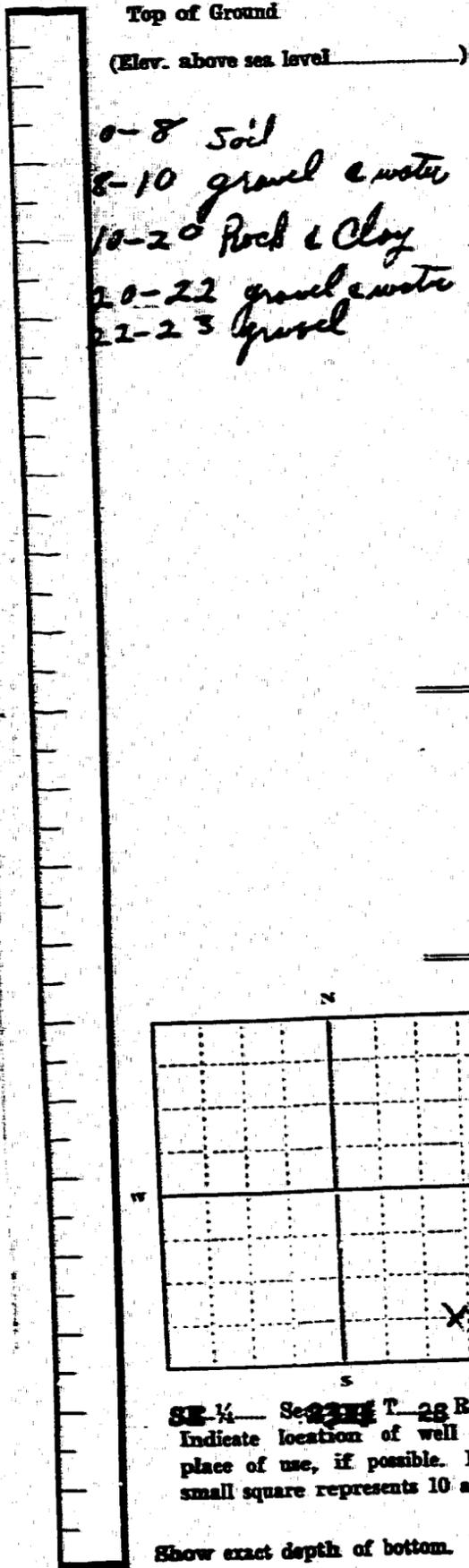
County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
JUN 12 1964

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner Robert J. Hansmann Address \_\_\_\_\_

Driller Harold B. Hulbert Address Route one Bigfork

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started June 8 - 1964 Date Completed June 8 - 64

Type of well Drilled Equipment Used China  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7	13 lb 6 5/8 OD	0	21	None		

Static Water Level for non-flowing Well 5 feet

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 10 feet at 60 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested purse Length of Test 2 hr

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

None

47  
Driller's License Number

Harold B. Hulbert  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

38178

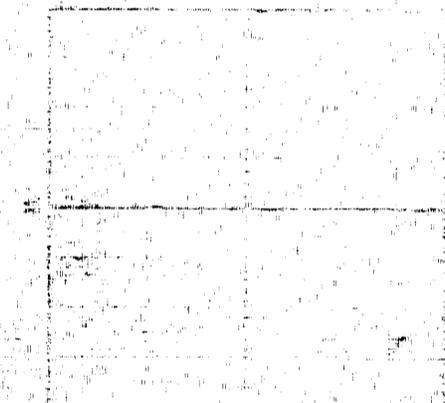
1855

State of Montana }  
County of Gallatin }

Filed June 10 1904  
at 12.35 P.M. of June 10 1904  
Carl Walton

COUNTY CLERK & RECORDER  
[Signature]  
DEPUTY

Fee \$ 7.00



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File No. \_\_\_\_\_

T 25 R 4E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

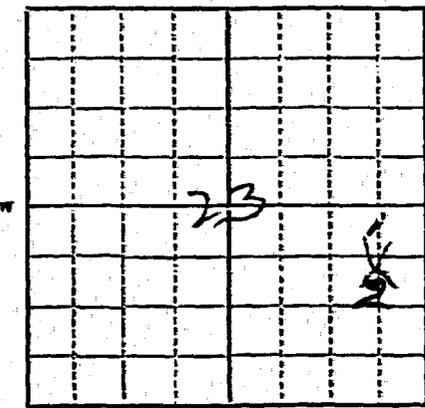
RECEIVED  
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

Robert J + Wanda Hargrove of STAR ROUT BOZEMAN  
(Name of Appropriator) (Address) (Town)

County of GALLATIN State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 23 T25 R4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based home and live stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been NUMBER 1 + 2 WELLS  
NOVEMBER 1, 1956  
#1 EVERY DAY

#2 YEAR 1943 EVERY DAY

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
#1 60 GALLONS PER MINUTE  
#2 40 GALLONS PER MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
#1 ELECTRIC PUMP WELL IN HOUSE  
#2 PUMP WELL IN HOUSE

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
#1 NOVEMBER 1, 1956  
#2 EARLYER THAN 1943

8. The depth of water table  
#1 18'  
#2 APPROXIMATE 15'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
#1 6" WELL CASING 24' DEPTH  
#2 2" OR 3" PIPE APPROXIMATE 80'

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available  
#1 5 FT. BLACK SILT 17 FT. SAND  
#2 UNKNOWN

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record IN RAINBOW SUB DIVISION OF BOZEMAN HOT SPRING WELL #1 IS ON TRACT # 536  
WELL #2 IS ON TRACT # 526

Signature of Owner Robert J. Hargrove  
WANDA HARGROVE  
Date DEC. 23, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1055

State of Montana } ss.  
 County of Gallatin }  
 Filed Dec 26 1963  
 at 7:15 o'clock P. M.  
Carl Walton  
 COUNTY CLERK & RECORDER  
 By [Signature]  
 DEPUTY  
 Fee \$ 2.00

THIS INSTRUMENT IS SUBJECT TO THE  
 RIGHTS OF THE STATE OF MONTANA  
 IN THE PUBLIC LANDS.

RECORDED IN BOOK 1055 PAGE 1055  
 DECEMBER 26 1963  
 COUNTY CLERK & RECORDER

Form No. 18  
8-60

23

T. 2 South R. 4 East

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER


Owner Robert I. Knipfer Address Route 1, Bozeman, Mont.

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed 1943 (?)

Location: Sec. 23 T. 2S R. 4E  $\frac{1}{4}$  sec. Rainbow Subdiv.

Type of well driven (Dug, driven, or drilled) Equipment used \_\_\_\_\_ (Churn, drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 6 ft. to 30 ft. Type \_\_\_\_\_ Size 8 feet.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: 19 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)

#330

Gallatin County, } ss.  
State of Montana }

Filed Dec 29 1961

at 9:36 o'clock A. M.

Carl Walton

COUNTY CLERK & RECORDER

By Paul A. Maxwell  
DEPUTY

Fee \$ 3.00

RECEIVED  
MAY 27 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Sec. 23 T 25 R 4E  
County Gallatin

23

WATER WELL LOG


Owner A. A. Larsen Address Star Rb. Nozeman Mont  
Driller Van Dyken Drilling Co Address Nozeman Mont  
Date Started 4/25/59 Date Completed 4/26/59  
Lots 415+416 Rainbow Sub Division  
Location: Sec 23 T 25 R 4E 1/4 sec NW 1/4

Type of well Drilled Equipment used cable tools  
(Dug, driven, bored, or drilled) (Cable drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 24 ft. Type prime flake Size 6 7/8 OD 17 #  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: \_\_\_\_\_

Static Water level, for non-flowing well: 10 ft. feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 10 ft feet at 40 G.P.M. gal. per min.

How tested: Bailer

Length of test: 1 hr

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)



23

File No. \_\_\_\_\_

T 25 R 4E

DUPLICATE

County Gallatin

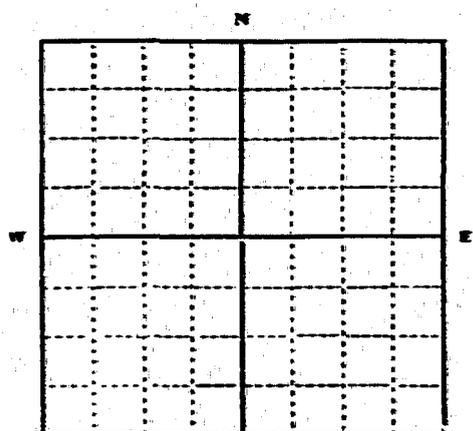
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I Andrew G. Larsen of Route 1 - Bogman, Mont  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 22 T25 R4E  
Town 446 N. 6 W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based  
#1 Domestic  
#2 Irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been  
#1 June 1953 continuous  
#2 Feb '59 continuous irrigation
- The amount of groundwater claimed (in miner's inches or gallons per minute)  
#1 45 gal per minute  
#2 same
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
#2 2 acres pasture Andrew G. Larsen
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
#1 Electric pump  
#2 same
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
#1 6/53  
#2 7/59
- The depth of water table 6 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
#1 6" dia 35 ft depth  
#2 6" dia 27 ft depth
- The estimated amount of groundwater withdrawn each year Not available
- The log of formations encountered in the drilling of each well if available Not available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Andrew G. Larsen  
Date 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

55915

1601

State of Montana )  
County of Gallatin ) ss.

Filed 12-31 1968

at 12:27 o'clock P. M.

Earl Walker  
COUNTY CLERK & RECORDER

By EA DEPUTY

Exp. 70

JUN 9 1970

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

**NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

including the character, color, thickness of strata such as soil, clay, sand, gravel, siltstone, etc. Show depth at which water is found and height to which water rises in well.

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Bertha Ingibyl  
Address Route 1, Box 74  
Bozeman, Mont. 59715  
Date well started June 4, 70  
completed June 5, 1970

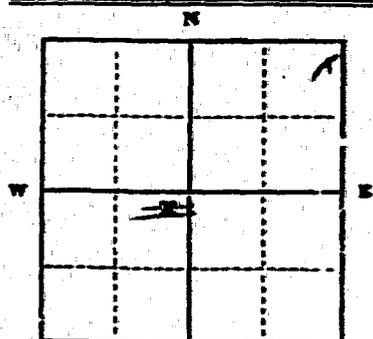
For Administrator's Use	
File	<u>2287</u>
	<u>June 8, 1970</u>
GW 1	

Type of well Drilled  
Cable Tool (Dig, driven, bored or drilled)  
Equipment used QUON  
(Class drill, rotary or other)  
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

\*Describe \_\_\_\_\_  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7/8"	6 5/8" O. D. 19 lb	I above	27	none		



Static water level 5 ft.\*  
Pumping water level 6 ft.\*  
at 80 gallons per minute,  
measured \_\_\_\_\_ minutes after pumping  
beg. n.  
\*Measured from ground level.  
Well developed by \_\_\_\_\_ pump  
for 3 hours.  
Power gas Pump 3 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

Tract 479, Rainbow Subdiv. of Bozeman Hot Springs Tracts  
1/4 Sec. 23  
T. 25 N. R. 4E E  
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

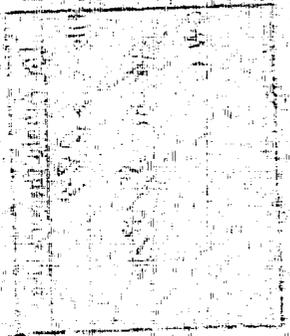
Driller's Signature Harold B. Hulbert  
Driller's Address Rt 1 Bozeman, Montana

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	4	soil
4	10	Rock & gravel
10	20	clay & rock
20	22	rock
22	24	rock
24	26	rock & clay
26	27	sand & water
27	29	sand gravel & water
29	50	water

THE STATE OF MONTANA, COUNTY OF GALLATIN, BEING THE PLACE WHERE SAID WATER RIGHT IS LOCATED, I, THE COUNTY CLERK, DO HEREBY CERTIFY THAT THE ABOVE DESCRIBED WATER RIGHT IS A VALID WATER RIGHT AS SHOWN BY THE RECORDS OF THE COUNTY CLERK.

Witness my hand and the seal of the County of Gallatin, Montana, this 8th day of June, 1970.

County Clerk & Recorder  
State of Montana



NOTICE OF CONVICTION BY MEANS OF MECHANICAL RECORDING EQUIPMENT. This notice is given to the person named herein, who is hereby notified that he is liable for the conviction of a crime under the laws of the State of Montana, and that he is liable for the payment of a fine and costs thereon. This notice is given to the person named herein, who is hereby notified that he is liable for the conviction of a crime under the laws of the State of Montana, and that he is liable for the payment of a fine and costs thereon.

**NOTICE OF CONVICTION BY MEANS OF MECHANICAL RECORDING EQUIPMENT**

WOMANLY WASTE REFINANCE BOARD  
VERMILIONVILLE OF GEORGIANA  
STATE OF GEORGIA

RECEIVED  
GALLATIN COUNTY CLERK

State of Montana  
County of Gallatin  
Filed June 8, 1970  
at 11:30 o'clock AM  
by Carl L. Stucky  
County Clerk & Recorder  
By Terrell O. Maxwell  
Deputy  
Fee \$ 7.00 pd.

3



State of Montana  
County of Gallatin

Filed May 28, 1971  
at 9:10 o'clock A.M.

Carl L. Stucky  
County Clerk & Recorder

By Lucille A. Bridges  
Deputy

Fee \$ 7.00

# 2974

D

C

GA

File No. \_\_\_\_\_

DUPLICATE

*Location 7*

RECEIVED  
JUN 11 1964

T 2 S R 4 E

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Hugo Ivan Martin, of Route 1 Bozeman  
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:


*Rainbow K<sup>s</sup> 418*

*1/4 Sec 23 T 2 S R 4 E*

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based  
1 domestic well; 1 irrigation well
- Date or approximate date of earliest beneficial use; and how continuous the use has been Domestic, continuous for forty years. Irrigation, 10 years continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute) approximately 45 gallons per minute each well
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Above named owner; one acre lawn, flower and vegetable gardens
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
electric pumps
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
domestic, unavailable  
irrigation, hand dug February 1953
- The depth of water table 6 feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Domestic, 4 in. casing 60ft. deep;  
Irrigation, 16 ft. deep
- The estimated amount of groundwater withdrawn each year \_\_\_\_\_
- The log of formations encountered in the drilling of each well if available unavailable
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record \_\_\_\_\_

Signature of Owner Hugo I. Martin

Date \_\_\_\_\_

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33326

1186

State of MICHIGAN  
County of Galiatin | ss

Filed 12-20, 1963

at 2:57 o'clock A.M.  
Carl Walton

COUNTY CLERK & RECORDER

By [Signature]

Fee \$ 2.00 DEPUTY

File No. \_\_\_\_\_

T 2 S R 4 E

DUPLICATE

County Gallatin

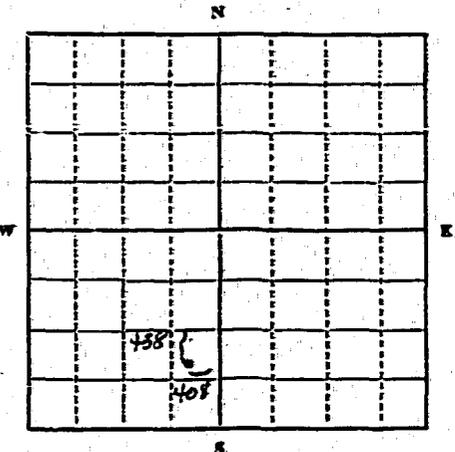
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. ERNEST J. MONFORTON, of \_\_\_\_\_, of \_\_\_\_\_  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 23 T 2S R 4E

Indicate point or appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based for domestic use and watering of stock.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1947 and has been continuously used since.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallons per minute.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Does not apply
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by electric pump and the well is located approximately 438' South of the N line of the SE 1/4 of the SW 1/4 and approximately 408' W of the E line of the SE 1/4 SW 1/4
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1947
- 8. The depth of water table 33 feet to bottom and water is found 12 feet from the surface of the ground
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well with 6" casing. depth of well is 33 feet and water is withdrawn by electric pump
- 10. The estimated amount of groundwater withdrawn each year three million gallons per year
- 11. The log of formations encountered in the drilling of each well if available no log of formations available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record does not apply

Signature of Owner Ernest Monforton

Date March 4, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

#1688

State of Montana }  
County of Gallatin }

Filed Dec. 31, 1963  
at 2:55 o'clock P.M.

EARL WALTON  
COUNTY CLERK & RECORDER

By A. Maxwell  
DEPUTY

Fee \$ 2.00

23

File No. \_\_\_\_\_

T. S. R. A. E.

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

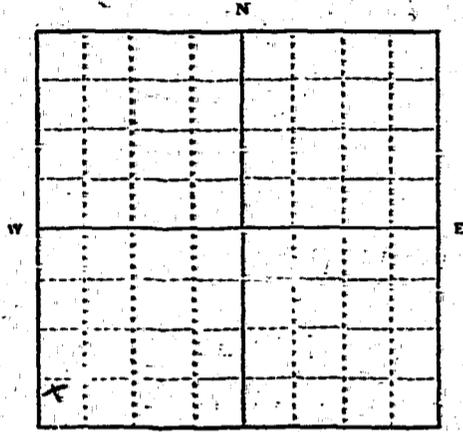
Robert E. Mowery  
(Name of Appropriator)

of Route 1 Bozeman  
(Address) (Town)

County of Gallatin

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Ac NE 1/4 Sec 23 T5 R5 E5

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House, Garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946, continuous use since about that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ordinary household use, lawn, garden, etc.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Paragraph 3.

8. The depth of water table High 4 feet below surface, low 10 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 6" casing depth 30 ft.

10. The estimated amount of groundwater withdrawn each year \_\_\_\_\_

11. The log of formations encountered in the drilling of each well if available Boulders.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record \_\_\_\_\_

Signature of Owner Robert E. Mowery

Date 12-30-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35785